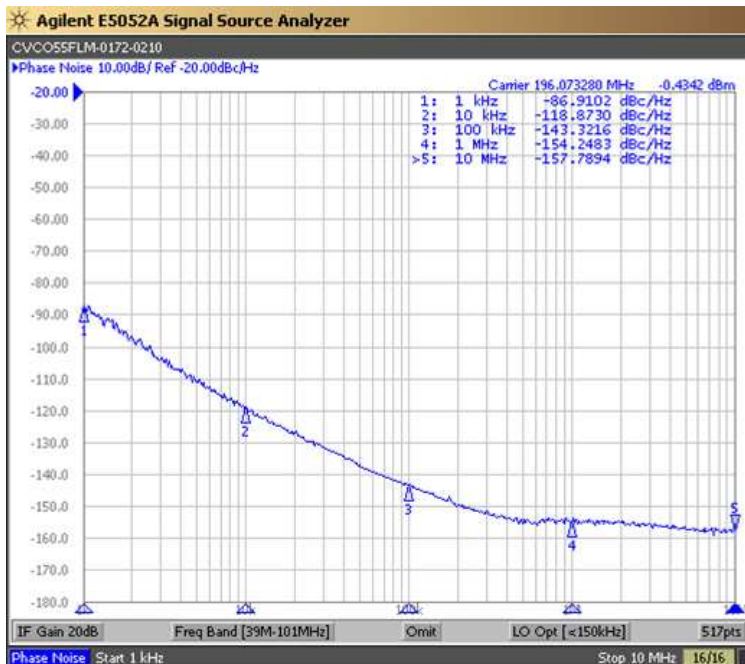
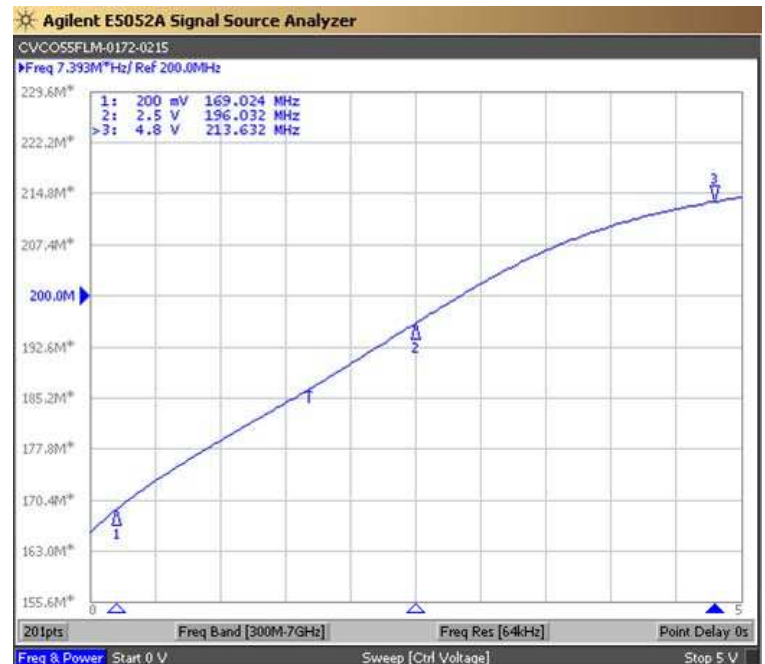


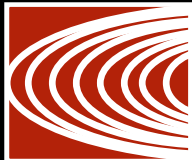
PERFORMANCE SPECIFICATION	MIN	TYP	MAX	UNITS
Lower Frequency:			172	MHz
Upper Frequency:	210			MHz
Tuning Voltage:	0.2		4.8	VDC
Supply Voltage:	2.85	3.0	3.15	VDC
Output Power:	-3.0	0	+3.0	dBm
Supply Current:			5	mA
Harmonic Suppression (2 nd Harmonic):		-20		dBc
Pushing:		0.5	1.0	MHz/V
Pulling, all Phases:		1.0	1.5	MHz pk-pk
Tuning Sensitivity:		35		MHz/V
Phase Noise @ 10kHz offset:		-119	-116	dBc/Hz
Phase Noise @ 100kHz offset:		-144	-141	dBc/Hz
Residual FM (110Hz – 10kHz):			5	Hz RMS
Modulation Sensitivity:		-20		KHz/V
Modulation Port Input Capacitance:		100		pF
Load Impedance:		50		Ω
Input Capacitance:			470	pF
Operating Temperature Range:	-30		+70	$^{\circ}\text{C}$
Storage Temperature Range:	-35		+75	$^{\circ}\text{C}$

Phase Noise (1 Hz BW, Typical)



Tuning Curve (Typical)

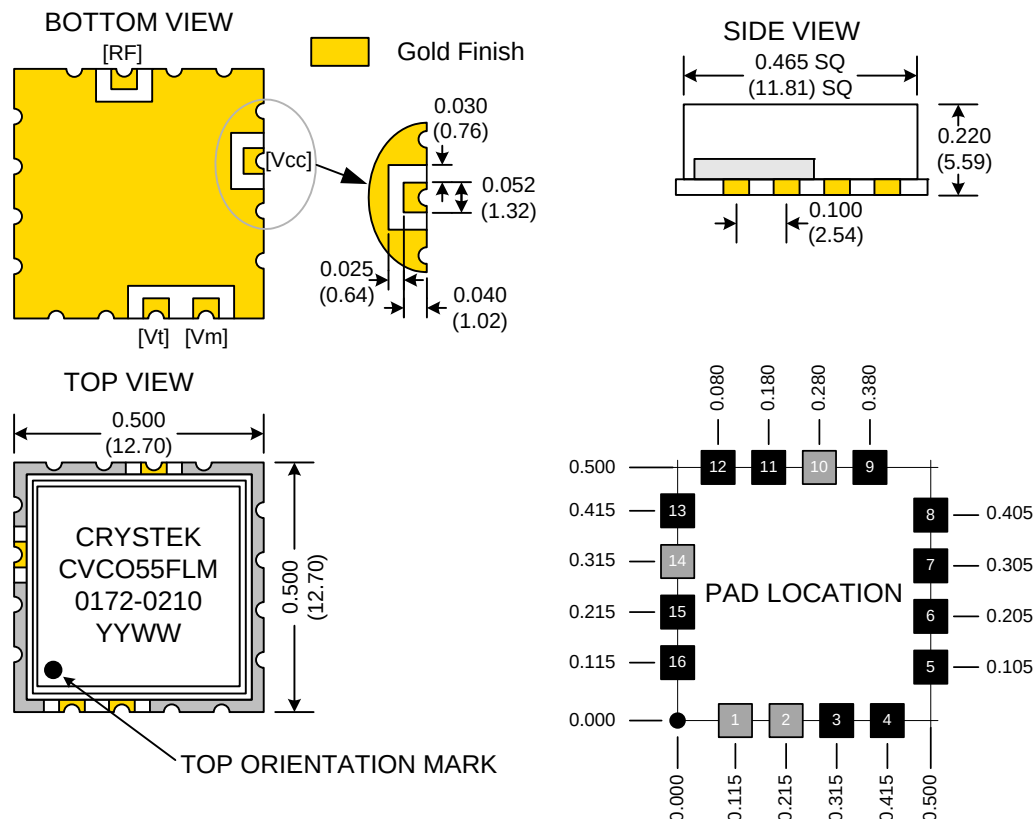




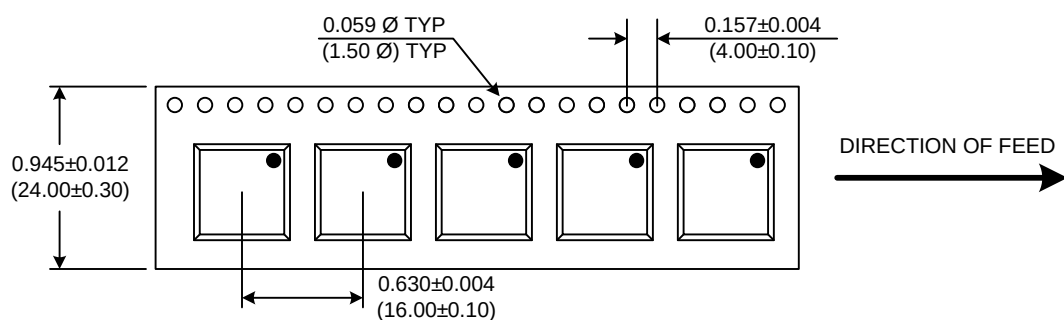
CRYSTEK
MICROWAVE
A DIVISION OF CRYSTEK CORPORATION

Voltage Controlled Oscillator-VCO

CVCO55FLM-0172-0210



TAPE AND REEL



Product Control:

Crystek Part Number:	CVCO55FLM-0172-0210	Release Date:	03-Aug-11
Revision Level:	B	Responsible:	C. Vales

Specification is subject to change without notice

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CRYSTEK
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